

Faculty of Engineering & Technology**Building Construction & Materials 1****Information :****Course Code :** ARC243**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Architectural Engineering**Instructor Information :**

| Title | Name | Office hours |
|--------------------|---|--------------|
| Lecturer | Hala Ali Nabil Mohamed Ali | 1 |
| Teaching Assistant | Heba Mohamed Abdullah Ahmed Ghuneim | |
| Teaching Assistant | Sama Ibrahim Abdelhamid Abdelhamid Nawara | |

Description :

General introduction, Drawing techniques, Abbreviation symbols, Dimensioning, Technical presentation, Understanding types of structures, Wall bearing & skeleton types. Traditional Construction Method; Load bearing walls. Using brick to build load bearing elements: foundation design, walls, jack arch floors, vaults and domes. Introduction to RC skeleton system.